

Message Text

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PAGE 01 STATE 155800
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FM SECSTATE WASHDC
TO AMEMBASSY SOFIA

UNCLAS STATE 155800

C O R R E C T E D COPY(PARA 2.B. LINE 1 OMITTED)

E.O. 11652: N/A

TAGS: BEXP, BTIO, BU

SUBJECT:GOB METALLURGY MINISTRY EQUIPMENT LISTS

REF: SOFIA 1055

1. CONGRATULATIONS AND THANKS FOR DETAILS PROVIDED IN
REFTEL, WHICH IS BEST OF ITS KIND WE'VE SEEN. OUR EFFORTS
SEEM TO BE PAYING OFF IN OBTAINING MORE COMPLETE
INFORMATION, WHICH HELPS IMMEASURABLY IN LOCATING
APPROPRIATE POTENTIAL SUPPLIERS OR CONDUITS THERETO.
COMMENTS ARE KEYED TO REFTEL PARA NOS:

2.A. SINCE THE LAMINATIONS WHICH MAKE UP THE BULK OF
ELECTRIC MOTOR ROTORS ARE OF A HARD TO MAKE SPECIAL
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SILICON STEEL, WE ASSUME THE "TIN PLATED SHEET METAL"
NEEDED IS FOR THE LITTLE FANS ON THE ROTOR SHAFT INSIDE
THE MOTOR WHICH FORCE COOLING AIR THROUGH. IF SO THE
GAUGE AND WIDTH TOLERANCES MAY BE LESS CRITICAL ENABLING
THE BULGARIANS TO USE CHEAPER MILLS. SHOULD THE FIRST
DEPUTY MINISTER DECIDE TO COME TO THE STATES BEFORE THE
SPEC LIST IS AVAILABLE, WE WOULD APPRECIATE AS MUCH DETAIL

AS POSSIBLE IN ADVANCE AS TO NUMBER OF PARALLEL LINES, THICKNESSES DESIRED, ETC., SO WE CAN SUGGEST APPROPRIATE VISITS.

2.B, D: GLAD THEY ARE TAKING TIME TO PREPARE SPEC LISTS AND WILL GIVE THEM QUICK DISTRIBUTION WHEN RECEIVED.

2.C, E: MOST HELPFUL TO KNOW WHERE THESE STAND.

2.F: TDAD/PIGGOT DISCUSSED BULGARIAN APPROACHES TO U.S. ORGANIZATIONS ON SUBJECT OF COAL LIQUIFACTION AND FOUND THAT SOME MONTHS AGO ENGINEER KOSSEV OF THEIR COMMERCIAL OFFICE IN NEW YORK MADE ARRANGEMENTS FOR TESTING SAMPLES WITH CONOCO (CONSOLIDATION COAL CO.) AND ALSO HAS CORRESPONDED WITH ERDA AND BITUMINOUS COAL RESEARCH. WE AGREED ON 6/13/78 THAT TDAD WOULD LOCATE APPROPRIATE PERSON IN KELLOGG TO WHOM KOSSEV SHOULD WRITE TO SUGGEST TESTING SAMPLES AND GETTING INFO ON PROCESSES. KOSSEV WILL MEET WITH PIGGOT IN WASHINGTON WEEK OF JUNE 26TH TO SHARE INTO ON PROGRESS.

3. EQUIPMENT SPEC LIST - QUESTION: WILL BULGARIAN MINING EXPERTS FROM SOFIA, OR FAILING THAT PERHAPS ENGINEER KOSSEV FROM NEW YORK, BE AUTHORIZED TO ATTEND THE HUGE INTERNATIONAL MINING SHOW IN LAS VEGAS, NEVADA, OCTOBER 9-12, 1978? THERE THEY COULD SEE IN ONE PLACE THE VERY UNCLASSIFIED

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LATEST TECHNOLOGY FOR MANY OF THESE MINING SUBJECTS AND TALK WITH EXPERIENCED ENGINEERS. POUCHING INFO ON SHOW.

IN THE MEANTIME WE SHALL GET THESE SPECIFICATIONS OUT TO POTENTIAL SUPPLIERS AND HAVE THEM SEND INFO TO EMBASSY.

3.A, C, D, E, G, H, I, J, AND 4B: WE SHALL GET THESE GOOD SPECS OUT TO U.S. FIRMS.

3.B, AND F: IT WOULD BE HELPFUL TO KNOW WHAT KIND OF ORE THEY WISH TO LOCATE (F) AND DRILL IN CHIMNEYS (B). THE EQUIPMENT FOR LOCATING FERROUS ORES FOR EXAMPLE IS DIFFERENT FROM THAT USED FOR NON-MAGNETIC ORES, OR DO THEY WANT SEISMIC SYSTEMS?

ADVISED ABBEY ETNA THAT REQUIREMENT IS FOR SEAMLESS TUBE ONLY, BUT THEY PLANNED TO TELEX YOU AGAIN.

4.A. PLEASE TRY TO DETERMINE WHAT THEY MEAN BY "QUALITY". PRESUMING THE CHEMICAL ANALYSIS IS ALREADY FIXED AT HOT-ROLLING STAGES, ARE THEY INTERESTED IN TEMPER OR HARDNESS, THICKNESS, WIDTH, FLATNESS OR WAVINESS, OFF-PARELLEL

SURFACES, ETC., ETC.? VANCE

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